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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :
Kanji TAKADA : Group Art Unit.: 1616
Serial No.: 09/787,612 : Examiner: Sharmila S. Gollamudi
Filed: March 20, 2001 :
Title: ORAL DRUG DELIVERY SYSTEM FOR ENHANCING THE
BIOAVAILABILITY OF ACTIVE FORM OF GLYCYRRHIZIN

REPLY

Commissioner for Patents
Washington, D.C. 20231

I hereby certify that this correspondence is being deposited
with the U.S. Postal Services as First Class Mail in an envelope
addressed To: Commissioner of Patents and Trademarks,
Washington, D.C. 20231 On: July 12, 2002
Name: CSABA HENTER
Signature: [Signature]
Date: July 12, 2002

SIR:

In response to the Office Action dated March 12, 2002, please amend the application
as follows and consider the remarks.

In the Claims:

Please amend claims 10-14 as follows:

10. (Amended) A device for colon-targeted oral delivery of glycyrrhizin
comprising a shaped core containing an amount of glycyrrhizin, said shaped core being made
of a suppository base comprising glyceride that melts or liquefies at the body temperature,
and a coating film of ethylcellulose enclosing said shaped core and having a film thickness
whereby when the device is transported through the digestive tract to the colon, the film
enclosing the liquefied core ruptures selectively in the colon by the internal pressure
generated by the peristalsis of the intestine.

11. (Amended) The device according to claim 10 wherein said amount of
glycyrrhizin is in excess of the amount needed for compensating for the hydrolysis thereof by
the intestinal flora.